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(54) Title: SPATIAL LIGHT MODULATOR APPARATUS AND METHOD

(57) Abstract: A device for discriminately illuminating a sample to be viewed with excitation light. For example, an image taken with a CCD provides feedback which is used to modulate the output of an excitation light source, thereby allowing a sample to be viewed within the optimal range of detection for the particular CCD device being used, despite the potential of wide dynamic ranges of sample luminescence.

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